Abstract

Methods and apparatus for performing call-processing functions of wide-area mobile voice calls over a wireless local-area network (WLAN) are provided. Such methods allow the extension of wide-area call-processing protocols such as Global System for Mobile Communications (GSM) or Code Division Multiple Access (CDMA) into a WLAN which uses a completely different air-interface than GSM or CDMA. Such methods enable wide-area mobile voice communications to be available in a WLAN without the use of any Voice over IP (VoIP) related technologies such as SIP or H.323.